Merging Air and Space



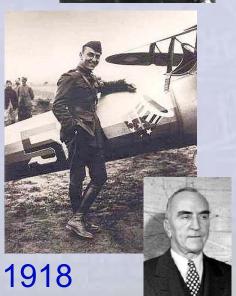
Ron Sega
Director of Defense Research and Engineering

July 16, 2003

International Air and Space Symposium and Exposition

Pioneers of Aviation and Space Flight

1903







1962



1969

Lewis and Clark



1803



... the Corps of Discovery bound Americans to this new continent with an intensity that safeguarded and defined us as a nation . . .

Orville and Wilbur Wright



1903

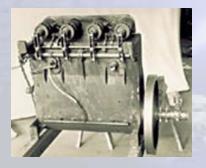












Pioneering Aviation

Robert Goddard

Father of American Rocketry

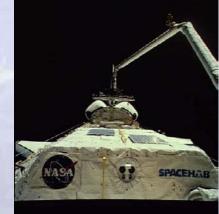
1926



Perspective: Merging Air and Space







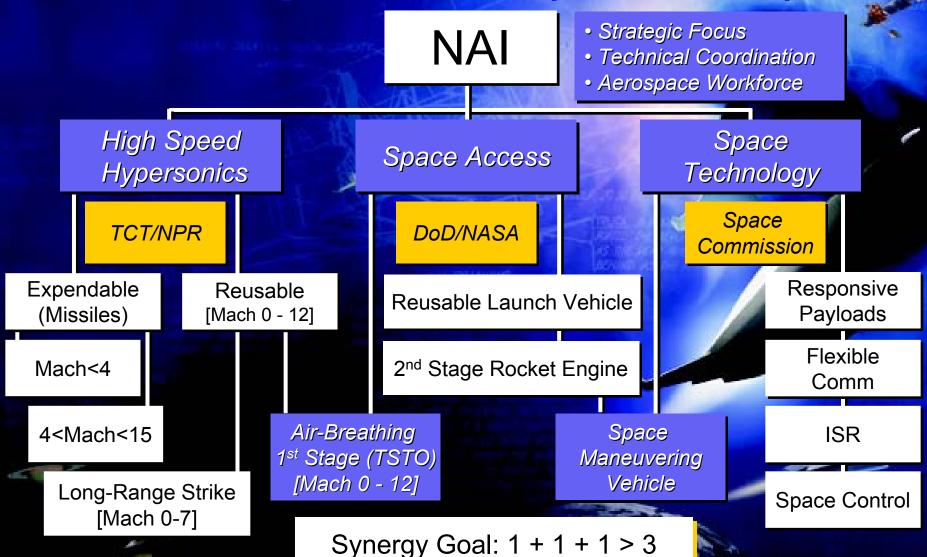




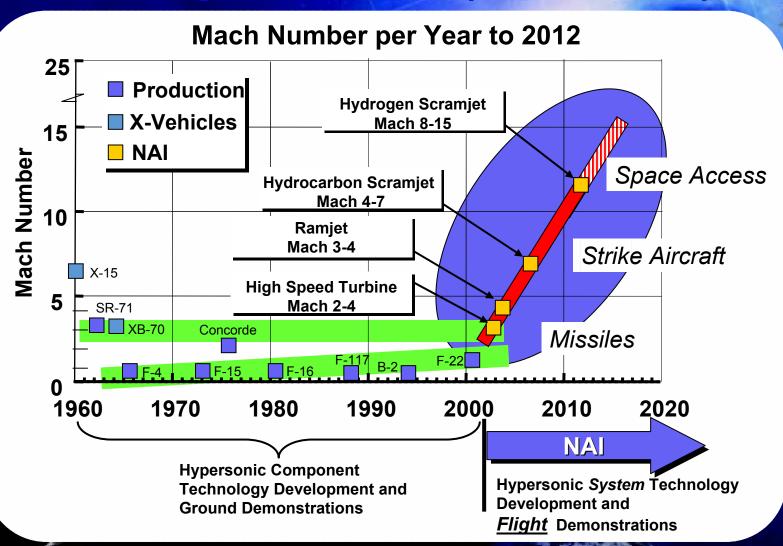
The NAI is a partnership between the Department of Defense and NASA designed to sustain our aerospace leadership through technology development and demonstrations in three critical aerospace areas:

- High Speed/Hypersonics
 Flight demonstrate increasing Mach number per year reaching Mach 12 by 2012
- Space Access
 Demonstrate technologies to dramatically increase space access and reliability while decreasing cost
- Space Technology
 Leverage the full potential of space

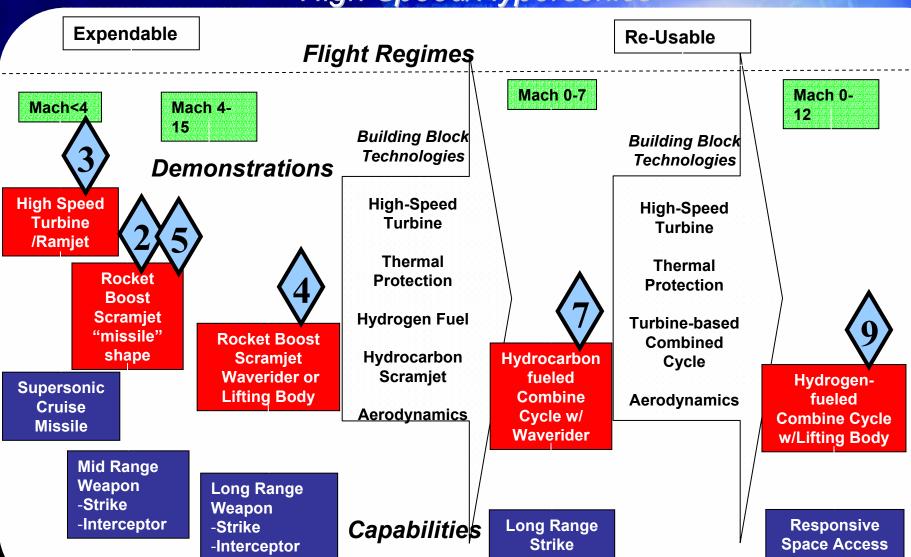
Sustaining American Aerospace Leadership



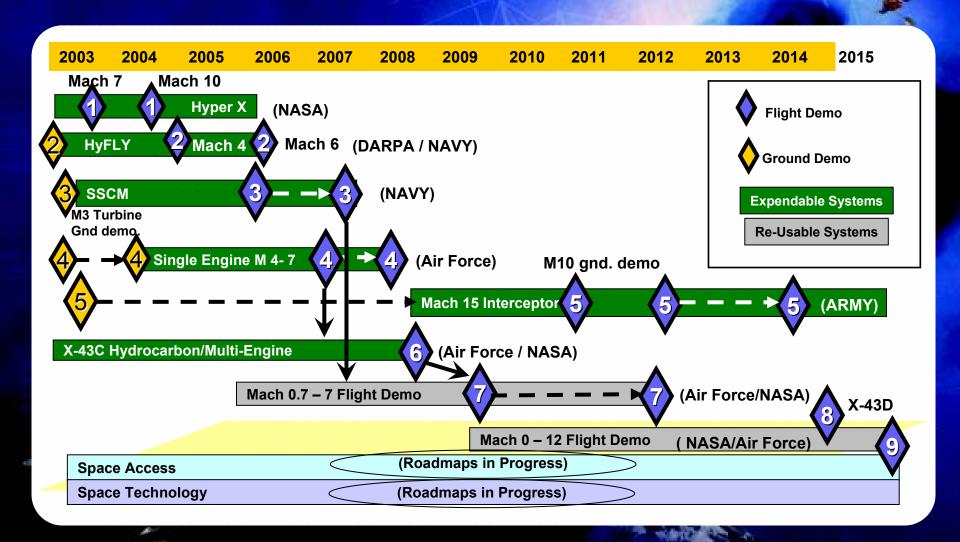
Sustaining American Aerospace Leadership



Development Approach High Speed/Hypersonics



National Aerospace Initiative Sustaining American Aerospace Leadership





Sustaining American Aerospace Leadership



Sustaining American Aerospace Leadership



1903



1926



Sustaining American Aerospace Leadership



Merging Air and Space

http://www.dod.mil/ddre/nai

